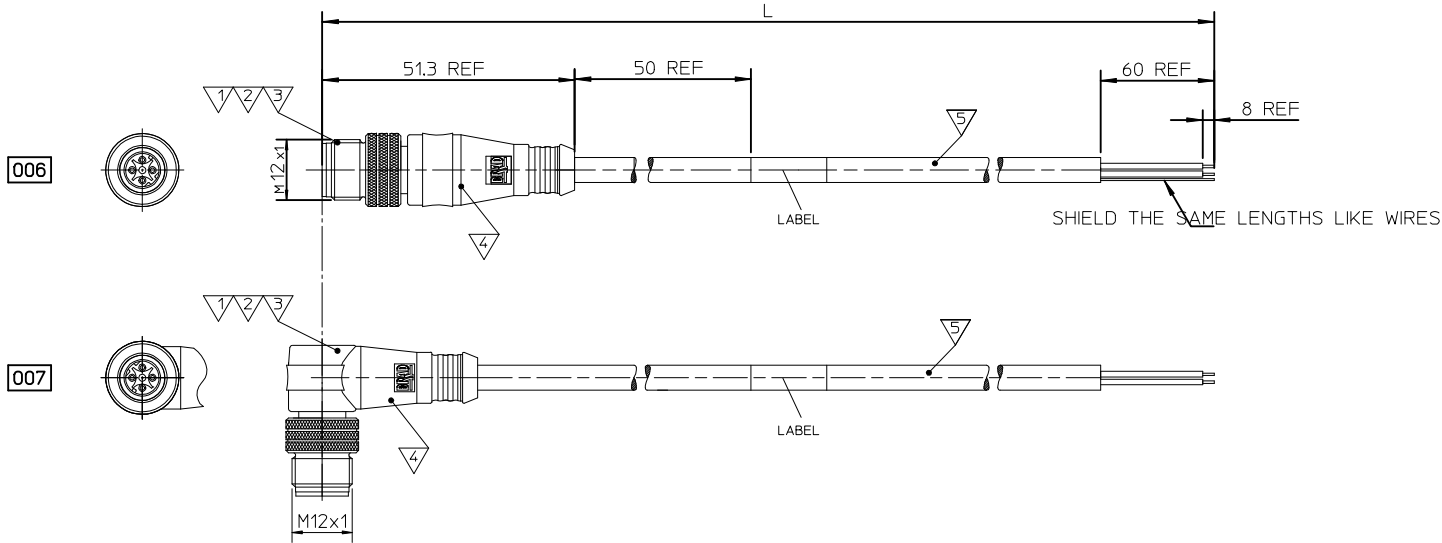


**MALE FACE VIEW**  
4-POLE

**WIRING DIAGRAM**

1 YELLOW  
2 WHITE  
3 ORANGE  
4 BLUE



E 1 0 A X X X 1 1 X X X X X

Network Protocol E=Ethernet	First Connector 1-M12 Threaded 4 Pole D-code	Second Connector 0=No Connector	Wiring Scheme A=4 Pole	HEAD TYPE 006 Plugs male straight and single ended 007 Plugs male 90° and single ended	Cable type 2x2x22AWG PUR, GREEN, SHIELD	LENGTH UNIT C-cm M-m K-km F-feet	LENGTH Example: 020 - 2M 060 - 6M 100 - 10M	OPTIONS D- Decoupled (for Shielded version only)
--------------------------------	---	------------------------------------	---------------------------	--	---	--	---	---

Table of length tolerances

Over	Up to and including	Tolerance <sup>(*)</sup>
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	2 % of length

CONNECTOR SPECIFICATION:

VOLTAGE RATING	max 30V
AMPERAGE RATING	1.5 A
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 75°C

5	CABLE	1202098084	---
4	OVERMOULDING	TPU UF NATURAL C98A10	---
4	OVERMOULDING	MASTERBATCH COLORANT	---
3	COUPLING NUT	SEE SPECIAL TYPES	---
2	PIN CONTACT	COPPER ALLOY	GOLD OR NICKEL PLATED
1	INSERT	PUR	BLACK
ITEM	PART	MATERIAL	FINISH

ORIGINAL RELEASE  
EC NO: IPG2013-0772  
DRWN:MDYSZEWSKA 2012/11/24  
CHKD:HWALCZAK 2012/11/24  
APPR:MIWASIECZKO 2012/12/21

QUALITY SYMBOLS	▽=0 ∇=0
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± --- ± ---
1 PLACE	± --- ± ---
0 PLACE	± --- ± ---
ANGULAR ± --- °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

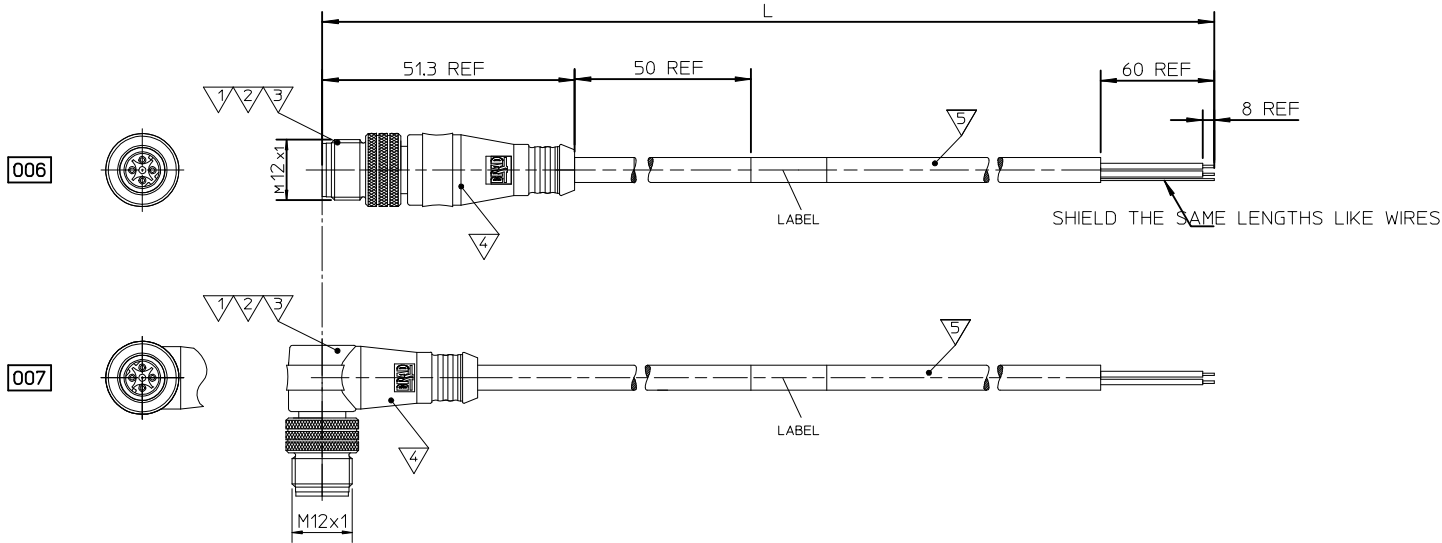
DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
MDYSZEWSKA	2012/11/24
CHECKED BY	DATE
HWALCZAK	2012/11/24
APPROVED BY	DATE
MIWASIECZKO	2012/12/21
MATERIAL NO.	
SEE PAGE 2	
SIZE	A3

SCALE	---
DESIGN UNITS	METRIC
FIRST ANGLE PROJECTION	
TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI	
<b>molex</b>	
DOCUMENT NO.	SD-130048-008
SHEET NO.	1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

**MALE FACE VIEW**  
4-POLE

**WIRING DIAGRAM**

1 YELLOW  
2 WHITE  
3 ORANGE  
4 BLUE



E 1 0 A X X X 1 1 X X X X X

Network Protocol E=Ethernet	First Connector 1-M12 Threaded 4 Pole D-code	Second Connector 0=No Connector	Wiring Scheme A=4 Pole	HEAD TYPE 006 Plugs male straight and single ended 007 Plugs male 90° and single ended	Cable type 2x2x22AWG PUR, GREEN, SHIELD	LENGTH UNIT C-cm M-m K-km F-feet	LENGTH Example: 020 - 2M 060 - 6M 100 - 10M	OPTIONS D- Decoupled (for Shielded version only)
--------------------------------	---	------------------------------------	---------------------------	--	---	--	---	---

Table of length tolerances

Over	Up to and including	Tolerance <sup>(*)</sup>
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	2 % of length

CONNECTOR SPECIFICATION:

VOLTAGE RATING	max 30V
AMPERAGE RATING	1.5 A
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 75°C

5	CABLE	1202098084	---
4	OVERMOULDING	TPU UF NATURAL C98A10	---
4	OVERMOULDING	MASTERBATCH COLORANT	---
3	COUPLING NUT	SEE SPECIAL TYPES	---
2	PIN CONTACT	COPPER ALLOY	GOLD OR NICKEL PLATED
1	INSERT	PUR	BLACK
ITEM	PART	MATERIAL	FINISH

ORIGINAL RELEASE  
EC NO: IPG2013-0772  
DRWN:MDYSZEWSKA 2012/11/24  
CHKD:HWALCZAK 2012/11/24  
APPR:MIWASIECZKO 2012/12/21

QUALITY SYMBOLS	▽=0 ∇=0
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± --- ± ---
1 PLACE	± --- ± ---
0 PLACE	± --- ± ---
ANGULAR ± --- °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
MDYSZEWSKA	2012/11/24
CHECKED BY	DATE
HWALCZAK	2012/11/24
APPROVED BY	DATE
MIWASIECZKO	2012/12/21
MATERIAL NO.	
SEE PAGE 2	
SIZE	A3

SCALE	---
DESIGN UNITS	METRIC
FIRST ANGLE PROJECTION	
TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI	
<b>molex</b>	
DOCUMENT NO.	SD-130048-008
SHEET NO.	1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	





SEE CHART 1

1300480281	E10A00611M050
1300480282	E10A00611M100
1300480283	E10A00611M200
1300480284	E10A00611M300
1300480285	E10A00611M500
1300480286	E10A00711M050
1300480287	E10A00711M100
1300480288	E10A00711M200

ORIGINAL RELEASE EC NO: IPG2013-0772 DRWN: MDYSZEWSKA 2012/11/24 CHKD: HWALCZAK 2012/11/24 APPR: MIWASIECZKO 2012/12/21	DESCRIPTION REV	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION				
						DRAWN BY MDYSZEWSKA	DATE 2012/11/24	TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI					
								CHECKED BY HWALCZAK	DATE 2012/11/24				
								APPROVED BY MIWASIECZKO	DATE 2012/12/21				
								MATERIAL NO. SEE CHART 1	DOCUMENT NO. SD-130048-008	SHEET NO. 2 OF 2			
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

SEE CHART 1

1300480281	E10A00611M050
1300480282	E10A00611M100
1300480283	E10A00611M200
1300480284	E10A00611M300
1300480285	E10A00611M500
1300480286	E10A00711M050
1300480287	E10A00711M100
1300480288	E10A00711M200

ORIGINAL RELEASE EC NO: IPG2013-0772 DRWN:MDYSZEWSKA 2012/11/24 CHKD:HWALCZAK 2012/11/24 APPR:MIWASIECZKO 2012/12/21	DESCRIPTION REV	QUALITY SYMBOLS  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE ---	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION	
				4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	mm      INCH	DRAWN BY      DATE MDYSZEWSKA      2012/11/24	TITLE CSE ETH 4P DC PUR MA XM SE SHLD GN NI			
				ANGULAR ± --- °		CHECKED BY      DATE HWALCZAK      2012/11/24				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY      DATE MIWASIECZKO      2012/12/21			MATERIAL NO.	DOCUMENT NO. SD-130048-008
				SEE CHART 1						
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				